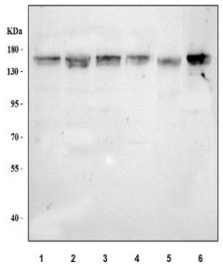
ASPP1 Antibody / PPP1R13B (RQ8350)

Catalog No.	Formulation	Size
RQ8350	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96KQ4
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This ASPP1 antibody is available for research use only.



Western blot testing of 1) human 293T, 2) human MCF7, 3) human RT4, 4) human SH-SY5Y, 5) rat brain and 6) mouse brain tissue lysate with ASPP1 antibody. Predicted molecular weight ~120 kDa.

Description

Apoptosis-stimulating of p53 protein 1 is a protein that in humans is encoded by the PPP1R13B gene. This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor.

Application Notes

Optimal dilution of the ASPP1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (F901-A1090) was used as the immunogen for the ASPP1 antibody.

Storage

After reconstitution, the ASPP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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